SONY

VGN-FZ320E/B

VAIO® FZ Series Notebook PC

POWERFUL PERFORMANCE

Intel® Centrino® Duo processor technology and super-powerful Intel® Core™ 2 Duo processor T5450 (1.66GHz[8]).

Windows Vista® Home Premium is easy-to-use and delivers new security and entertainment features.

Roomy 200GB[9] hard drive and 2GB RAM.

MOBILE DESIGN

Thin-and-light notebook with incredible 15.4" widescreen display[2] and XBRITE-ECO™ LCD technology.

Magnesium alloy makes for a remarkably lightweight and durable chassis.

SUPERIOR TECHNOLOGIES

Back up your media and store data with integrated CD/DVD burner[4].

802.11a/b/g/n wireless LAN technology[3] offers a massive boost in wireless connection speed and range.

EVERYDAY ENTERTAINMENT

XBRITE-ECO™ LCD technology delivers razor-sharp details and bold colors while conserving battery life.

Integrated 1.3 megapixel MOTION EYE® camera and microphone for video messaging with family, friends and coworkers[5].

A/V Instant Mode lets you go straight to watching a movie, playing music, or viewing photos without ever booting-up the operating system.

Sony's original Sound Reality™ technology delivers high-resolution surround-sound to your entertainment.

The VAIO® FZ is a thin-and-light entertainment notebook featuring a 15.4" widescreen LCD[2] with XBRITE-ECO™ technology and embedded A/V controls for one-touch access to your music, movies and pictures. With a built-in camera and microphone for video messaging[5] and CD/DVD burner[4], this blazing-fast, super-powerful PC is slim, lightweight, and packed with entertainment features.

intel Centrino inside Core 2 Duo inside

Windows Vista Home Premium

dlna CERTIFIED

XBRITE-ECO™

VGN-FZ320E/B

VAIO® FZ Series Notebook PC

Specifications

General

Computer Type: Notebook
Type of Use: Portable
Action Buttons: S1 (programmable), Volume, AV Instant Mode, Play/Pause, FF, Rewind and Stop
Pointing Device: Electro-Static touch pad

Hardware

Keyboard: QWERTY, 86 keys with 2mm stroke and 19.05mm pitch
Camera: Built-in 1.3 megapixel MOTION EYE® camera and microphone

Processor

Type: Intel® Core™ 2 Duo Processor T5450
Speed: 1.66GHz[8]
Front Side Bus Speed: 667MHz
L2 Cache: 2MB
Technology: Intel® Centrino® Duo Processor Technology

Memory

Type: DDR2
Installed: 2GB(1GBx2) PC2-5300
Maximum: 4GB[14]
Speed: 667MHz

Hard Drive

Capacity: 200GB[9]
Speed: 5400rpm
Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 4x max.
DVD+R Write: 8x max.
DVD+RW Write: 8x max.
DVD-R Write: 8x max.
DVD-RW Write: 6x max.
CD-R Write: 24x max.
CD-RW Write: 16x max.
DVD±RW: Yes[4] (DVD±R DL/DVD±RW/DVD-RAM)
CD Read: 24x max.
DVD Read: 8x max.
DVD-RAM Write: 5x max.
DVD-R DL Write: 6x max.
DVD-RAM Read: 5x max.

Expansion Slots

Multimedia Card Reader: One Memory Stick Duo™ media slot with MagicGate® functionality
One ExpressCard® /34 Slot
One Secure Digital Media slot (SD)

Audio

Sound System: Sony® Sound Reality™ - Audio Enhancer

Display

Screen or Display Technology: WXGA LCD
Screen Size: 15.4"[2]
Resolution: 1280 x 800
XBRITE-ECO™ Technology: Yes

Graphics

Processor: Mobile Intel® Graphics Media Accelerator X3100 with Intel® Clear Video Technology
Total Available Graphics Memory: 358MB (max.)[11]
Chipset: Mobile Intel® GM965 Express Chipset
Interface: VGA and S-Video Out with Smart Display Sensor

Inputs and Outputs

Ethernet Port: 1
Headphone Jack: 1
Memory Stick® Media Slot: 1
Modem Jack: 1
Secure Digital Slot: 1
Microphone Input: 1
S-Video Output(s): 1
USB Port(s): 3 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
i.LINK® Connection: 1(4-pin) interface[7]

Networking/Modem

Ethernet Protocol: Fast Ethernet (RJ-45)
Ethernet Speed: 10Base-T/100Base-TX
Modem Type: Integrated V.92/V.90 Modem (RJ-11)
Wireless LAN: Intel® PRO/Wireless 4965AGN Network Connection (802.11a/b/g/n)[3]

Power

Battery Type: Standard Lithium-ion Battery (VGP-BPS8)
Estimated Battery Life: 2.5 to 5.5 hrs[6]
Power Requirements: 110W+10%

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium
Internet Services: AOL® 90-Day Risk Free Trial - New Users Only
Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[10]
Sony® Original Software: Click to Disc™ - DVD Creation
LocationFree Player® Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.
Security and Anti-Virus Software: Norton 360™ All-In-One Security 60-day Trial

Service and Warranty Information

Limited Warranty: 1 Year Limited Warranty[12]
Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[13]
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO

Dimensions

Weight: 5.9 lbs.[1]
Measurements: 14"(W) x 0.98-1.4"(H) x 10.02"(D)[1]

Supplied Accessories

Standard Lithium-ion battery (VGP-BPS8)
AC adapter
Power Cord

Optional Accessories

Large Capacity Lithium-ion Battery (VGP-BPL8)
Additional Standard Capacity Battery (VGP-BPS8)
AC Adapter (VGP-AC19V10)
Stick AC Adapter (VGP-AC19V21)
USB Laser Mouse (VGP-UMS55/B)
USB Laser Mouse (VGP-UMS55/S)
Neoprene Notebook and AC Adapter Case (VGP-AMC3)
All-in-one 2.1 Channel Speaker (VGP-SP100)
Sport Backpack (VGP-CCP4/L)
Urban Messenger Bag (VGP-AML2)
USB Docking Station (VGP-UPR1)

Color: Silver
UPC Code: 027242733084

1. Non-metric weights and measures are approximate and may vary.
2. Viewable area measured diagonally.
3. Requires 802.11n compatible access point. Some functionality may require Internet services, which may require a fee.
4. DVD media/formats are not universally compatible.
5. Broadband internet service required along with third party services which may require a subscription or other service fee.
6. Actual battery life will vary based on product settings, usage patterns, battery and environmental conditions.
7. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
8. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
9. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
10. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
11. Total Available Graphics Memory refers to the new Windows Vista® classification of graphics memory, which is the total of Dedicated Video Memory, System Video Memory and Shared System Memory. Shared System Memory varies depending on the operating condition and system memory size.
12. See actual Limited Warranty for details. For a copy of Sony's warranty, please visit www.esupport.sony.com, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
13. For certain third party software applications, Sony provides first level Phone Support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
14. A portion of the system memory over 3GB may not be available to the operating system.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Pre-installed software may not be identical to retail versions or have all documentation. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice. Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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